

2010 Expert Panel Feedback

Major Themes

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Jim Dyer and Ralph Stahl

DuPont



Long-Term Vision for South River

- **Reconcile**
 - desired future state for river
 - remedial options
 - regulatory and stakeholder drivers

Expand SRST Reach

- **Better engage**
 - general public
 - other local and regional watershed programs

Accelerate Shift in Emphasis for SRST

- From data collection by individual investigators to multidisciplinary, collaborative efforts leading to
 - insight generation
 - joint field studies
 - remedial options testing
- From South River mercury-centric to regional watershed multi-stressor-centric
 - impact of other ecological stressors on Hg-contaminated fish
 - comprehensive, site-specific set of metrics
 - reconsider reference site selection
 - additional statistical tools
 - link structural measures to ecosystem processes

Better Articulate and Substantiate Conceptual Models

- On a reach-by-reach basis
- Include
 - inorganic Hg sources
 - methyl Hg production compartments
 - linkages to base of aquatic food web
 - role of periphyton
 - pathways from aquatic to terrestrial food webs
- Consider nutrient spiraling framework as way to better understand Hg retention and transport

Get More Specific on Remedial Options

- Reconcile feasible options with conceptual models on reach-by-reach basis
- Consider
 - streamside mesocosm experiments
 - amendment testing
 - prioritizing bank stabilization sites
 - natural vs. revegetated vs. engineered bank stabilization techniques

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Discussion of Next Steps

- 4 workgroups continue to digest and process feedback
- Further dialogue with individual expert panel members as needed for clarification
- Some form of written feedback from each workgroup to expert panel by end of February?
- Realistic expectation? “Top 3” list from each workgroup with what, why, how, when, and whom presented at April meeting?